

1642 1600

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/601,534A

ENTERED

CRF Processing Date: 11/29/2001  
Edited by: [Signature]  
Verified by: [Signature]  
TECHNICAL CENTER 1600/2900  
RECEIVED  
NOV 29 2001  
#18

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa: \_\_\_\_\_
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form. 3/1/95

## RAW SEQUENCE LISTING

DATE: 11/20/2001

PATENT APPLICATION: US/09/601,534A

TIME: 08:04:07

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\11202001\I601534A.raw

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3 <110> APPLICANT: Glaxo Group Limited
4   Gauthier, Jean-Michel
6 <120> TITLE OF INVENTION: Method of screening
8 <130> FILE REFERENCE: PF3402
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/601,534A
C--> 11 <141> CURRENT FILING DATE: 2000-08-28
13 <150> PRIOR APPLICATION NUMBER: GB 9802475.5
14 <151> PRIOR FILING DATE: 1998-02-06
16 <160> NUMBER OF SEQ ID NOS: 23
18 <170> SOFTWARE: PatentIn Ver. 2.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 81
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
27   construct
29 <400> SEQUENCE: 1
30 agccagacaa gccagacaag ccagacaagc cagacaagcc agacaagcca gacaagccag 60
31 acaagccaga caagccagac a                                     81
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 81
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
41   construct
43 <400> SEQUENCE: 2
44 agacagacaa gacagacaag acagacaaga cagacaagac agacaagaca gacaagacag 60
45 acaagacaga caagacagac a                                     81
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 81
50 <212> TYPE: DNA
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
55   construct
57 <400> SEQUENCE: 3
58 agctacataa gctacataag ctacataagc tacataagct acataagcta cataagctac 60
59 ataagctaca taagctacat a                                     81
62 <210> SEQ ID NO: 4
63 <211> LENGTH: 467
64 <212> TYPE: PRT
65 <213> ORGANISM: Homo sapiens
67 <400> SEQUENCE: 4
68 Met Ser Ser Ile Leu Pro Phe Thr Pro Pro Val Val Lys Arg Leu Leu
69   1               5               10               15

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Input Set : A:\PTO.AMC.txt

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71 Gly Trp Lys Lys Ser Ala Gly Gly Ser Gly Gly Ala Gly Gly Gly Glu
72          20          25          30
74 Gln Asn Gly Gln Glu Glu Lys Trp Cys Glu Lys Ala Val Lys Ser Leu
75          35          40          45
78 Val Lys Lys Leu Lys Lys Thr Gly Arg Leu Asp Glu Leu Glu Lys Ala
79          50          55          60
81 Ile Thr Thr Gln Asn Cys Asn Thr Lys Cys Val Thr Ile Pro Ser Thr
82 65          70          75          80
84 Cys Ser Glu Ile Trp Gly Leu Ser Thr Pro Asn Thr Ile Asp Gln Trp
85          85          90          95
87 Asp Thr Thr Gly Leu Tyr Ser Phe Ser Glu Gln Thr Arg Ser Leu Asp
88          100          105          110
90 Gly Arg Leu Gln Val Ser His Arg Lys Gly Leu Pro His Val Ile Tyr
91          115          120          125
93 Cys Arg Leu Trp Arg Trp Pro Asp Leu His Ser His His Glu Leu Lys
94          130          135          140
96 Ala Ile Glu Asn Cys Glu Tyr Ala Phe Asn Leu Lys Lys Asp Glu Val
97 145          150          155          160
99 Cys Val Asn Pro Tyr His Tyr Gln Arg Val Glu Thr Pro Val Leu Pro
100          165          170          175
102 Pro Val Leu Val Pro Arg His Thr Glu Ile Leu Thr Glu Leu Pro Pro
103          180          185          190
105 Leu Asp Asp Tyr Thr His Ser Ile Pro Glu Asn Thr Asn Phe Pro Ala
106          195          200          205
108 Gly Ile Glu Pro Gln Ser Asn Tyr Ile Pro Glu Thr Pro Pro Pro Gly
109          210          215          220
111 Tyr Ile Ser Glu Asp Gly Glu Thr Ser Asp Gln Gln Leu Asn Gln Ser
112 225          230          235          240
114 Met Asp Thr Gly Ser Pro Ala Glu Leu Ser Pro Thr Thr Leu Ser Pro
115          245          250          255
117 Val Asn His Ser Leu Asp Leu Gln Pro Val Thr Tyr Ser Glu Pro Ala
118          260          265          270
120 Phe Trp Cys Ser Ile Ala Tyr Tyr Glu Leu Asn Gln Arg Val Gly Glu
121          275          280          285
123 Thr Phe His Ala Ser Gln Pro Ser Leu Thr Val Asp Gly Phe Thr Asp
124          290          295          300
126 Pro Ser Asn Ser Glu Arg Phe Cys Leu Gly Leu Leu Ser Asn Val Asn
127 305          310          315          320
129 Arg Asn Ala Thr Val Glu Met Thr Arg Arg His Ile Gly Arg Gly Val
130          325          330          335
132 Arg Leu Tyr Tyr Ile Gly Gly Glu Val Phe Ala Glu Cys Leu Ser Asp
133          340          345          350
135 Ser Ala Ile Phe Val Gln Ser Pro Asn Cys Asn Gln Arg Tyr Gly Trp
136          355          360          365
138 His Pro Ala Thr Val Cys Lys Ile Pro Pro Gly Cys Asn Leu Lys Ile
139          370          375          380
141 Phe Asn Asn Gln Glu Phe Ala Ala Leu Leu Ala Gln Ser Val Asn Gln
142 385          390          395          400
144 Gly Phe Glu Ala Val Tyr Gln Leu Thr Arg Met Cys Thr Ile Arg Met

```

## RAW SEQUENCE LISTING

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DATE: 11/20/2001

TIME: 08:04:07

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\11202001\I601534A.raw

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145          405          410          415
147 Ser Phe Val Lys Gly Trp Gly Ala Glu Tyr Arg Arg Gln Thr Val Thr
148          420          425          430
150 Ser Thr Pro Cys Trp Ile Glu Leu His Leu Asn Gly Pro Leu Gln Trp
151          435          440          445
153 Leu Asp Lys Val Leu Thr Gln Met Gly Ser Pro Ser Val Arg Cys Ser
154          450          455          460
156 Ser Met Ser
157 465
161 <210> SEQ ID NO: 5
162 <211> LENGTH: 425
163 <212> TYPE: PRT
164 <213> ORGANISM: Homo sapiens
166 <400> SEQUENCE: 5
167 Met Ser Ser Ile Leu Pro Phe Thr Pro Pro Ile Val Lys Arg Leu Leu
168 1 5 10 15
170 Gly Trp Lys Lys Gly Glu Gln Asn Gly Gln Glu Glu Lys Trp Cys Glu
171 20 25 30
173 Lys Ala Val Lys Ser Leu Val Lys Lys Leu Lys Lys Thr Gly Gln Leu
174 35 40 45
176 Asp Glu Leu Glu Lys Ala Ile Thr Thr Gln Asn Val Asn Thr Lys Cys
177 50 55 60
179 Ile Thr Ile Pro Arg Ser Leu Asp Gly Arg Leu Gln Val Ser His Arg
180 65 70 75 80
182 Lys Gly Leu Pro His Val Ile Tyr Cys Arg Leu Trp Arg Trp Pro Asp
183 85 90 95
185 Leu His Ser His His Glu Leu Arg Ala Met Glu Leu Cys Glu Phe Ala
186 100 105 110
188 Phe Asn Met Lys Lys Asp Glu Val Cys Val Asn Pro Tyr His Tyr Gln
189 115 120 125
191 Arg Val Glu Thr Pro Val Leu Pro Pro Val Leu Val Pro Arg His Thr
192 130 135 140
195 Glu Ile Pro Ala Glu Phe Pro Pro Leu Asp Asp Tyr Ser His Ser Ile
196 145 150 155 160
198 Pro Glu Asn Thr Asn Phe Pro Ala Gly Ile Glu Pro Gln Ser Asn Ile
199 165 170 175
201 Pro Glu Thr Pro Pro Gly Tyr Leu Ser Glu Asp Gly Glu Thr Ser
202 180 185 190
204 Asp His Gln Met Asn His Ser Met Asp Ala Gly Ser Pro Asn Leu Ser
205 195 200 205
207 Pro Asn Pro Met Ser Pro Ala His Asn Asn Leu Asp Leu Gln Pro Val
208 210 215 220
210 Thr Tyr Cys Glu Pro Ala Phe Trp Cys Ser Ile Ser Tyr Tyr Glu Leu
211 225 230 235 240
213 Asn Gln Arg Val Gly Glu Thr Phe His Ala Ser Gln Pro Ser Met Thr
214 245 250 255
216 Val Asp Gly Phe Thr Asp Pro Ser Asn Ser Glu Arg Phe Cys Leu Gly
217 260 265 270
219 Leu Leu Ser Asn Val Asn Arg Asn Ala Ala Val Glu Leu Thr Arg Arg

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DATE: 11/20/2001

TIME: 08:04:07

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\11202001\I601534A.raw

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220          275          280          285
222 His Ile Gly Arg Gly Val Arg Leu Tyr Tyr Ile Gly Gly Glu Val Phe
223          290          295          300
225 Ala Glu Cys Leu Ser Asp Ser Ala Ile Phe Val Gln Ser Pro Asn Cys
226 305          310          315          320
228 Asn Gln Arg Tyr Gly Trp His Pro Ala Thr Val Cys Lys Ile Pro Pro
229          325          330          335
231 Gly Cys Asn Leu Lys Ile Phe Asn Asn Gln Glu Phe Ala Ala Leu Leu
232          340          345          350
234 Ala Gln Ser Val Asn Gln Gly Phe Glu Ala Val Tyr Gln Leu Thr Arg
235          355          360          365
237 Met Cys Thr Ile Arg Met Ser Phe Val Lys Gly Trp Gly Ala Glu Tyr
238          370          375          380
240 Arg Arg Gln Thr Val Thr Ser Thr Pro Cys Trp Ile Glu Leu His Leu
241 385          390          395          400
243 Asn Gly Pro Leu Gln Trp Leu Asp Lys Val Leu Thr Gln Met Gly Ser
244          405          410          415
246 Pro Ser Ile Arg Cys Ser Ser Val Ser
247          420          425

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251 &lt;210&gt; SEQ ID NO: 6

252 &lt;211&gt; LENGTH: 39

253 &lt;212&gt; TYPE: DNA

254 &lt;213&gt; ORGANISM: Artificial Sequence

256 &lt;220&gt; FEATURE:

257 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence:

258 Oligonucleotide

260 &lt;400&gt; SEQUENCE: 6

261 tcgagagcca gacaaaaagc cagacattta gccagacac

39

264 &lt;210&gt; SEQ ID NO: 7

265 &lt;211&gt; LENGTH: 39

266 &lt;212&gt; TYPE: DNA

267 &lt;213&gt; ORGANISM: Artificial Sequence

269 &lt;220&gt; FEATURE:

270 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence:

271 Oligonucleotide

273 &lt;400&gt; SEQUENCE: 7

274 tcgagtgtct ggctaaatgt ctggcttttt gtctggctc

39

277 &lt;210&gt; SEQ ID NO: 8

278 &lt;211&gt; LENGTH: 39

279 &lt;212&gt; TYPE: DNA

280 &lt;213&gt; ORGANISM: Artificial Sequence

282 &lt;220&gt; FEATURE:

283 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence:

284 Oligonucleotide

286 &lt;400&gt; SEQUENCE: 8

287 tcgagagaca gacaaaaaga cagacattta gacagacac

39

290 &lt;210&gt; SEQ ID NO: 9

291 &lt;211&gt; LENGTH: 39

292 &lt;212&gt; TYPE: DNA

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/601,534A

DATE: 11/20/2001

TIME: 08:04:07

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\11202001\I601534A.raw

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293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Description of Artificial Sequence:
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299 <400> SEQUENCE: 9
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303 <210> SEQ ID NO: 10
304 <211> LENGTH: 39
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Description of Artificial Sequence:
310     Oligonucleotide
312 <400> SEQUENCE: 10
313 tcgagagcta cataaaaagc tacatatatta gctacatac           39
316 <210> SEQ ID NO: 11
317 <211> LENGTH: 39
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial Sequence:
323     Oligonucleotide
325 <400> SEQUENCE: 11
326 tcgagtatgt agctaaatat gtagcttttt atgtagctc           39
329 <210> SEQ ID NO: 12
330 <211> LENGTH: 39
331 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Description of Artificial Sequence:
336     Oligonucleotide
338 <400> SEQUENCE: 12
339 tcgagagcca gacaaggagc cagacaagga gccagacac           39
342 <210> SEQ ID NO: 13
343 <211> LENGTH: 40
344 <212> TYPE: DNA
345 <213> ORGANISM: Artificial Sequence
347 <220> FEATURE:
348 <223> OTHER INFORMATION: Description of Artificial Sequence:
349     Oligonucleotide
351 <400> SEQUENCE: 13
352 ctcgagtgtc tggctccttg tctggctcct tgtctggctc           40
355 <210> SEQ ID NO: 14
356 <211> LENGTH: 39
357 <212> TYPE: DNA
358 <213> ORGANISM: Artificial Sequence
360 <220> FEATURE:
361 <223> OTHER INFORMATION: Description of Artificial Sequence:
362     Oligonucleotide

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/601,534A

DATE: 11/20/2001

TIME: 08:04:08

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\11202001\I601534A.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/601,534A

DATE: 11/15/2001

TIME: 08:59:17

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\11152001\I601534A.raw

3 <110> APPLICANT: Glaxo Group Limited  
 4 Gauthier, Jean-Michel  
 6 <120> TITLE OF INVENTION: Method of screening  
 8 <130> FILE REFERENCE: PF3402  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/601,534A  
 C--> 11 <141> CURRENT FILING DATE: 2000-08-28  
 13 <150> PRIOR APPLICATION NUMBER: GB 9802475.5  
 14 <151> PRIOR FILING DATE: 1998-02-06  
 16 <160> NUMBER OF SEQ ID NOS: 23  
 18 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply  
 Corrected Diskette Needed

## ERRORED SEQUENCES

472 <210> SEQ ID NO: 23  
 473 <211> LENGTH: 23  
 474 <212> TYPE: DNA  
 475 <213> ORGANISM: Artificial Sequence  
 477 <220> FEATURE:  
 478 <223> OTHER INFORMATION: Description of Artificial Sequence:  
 479 Oligonucleotide  
 481 <400> SEQUENCE: 23  
 482 tcgagaggct ccgccccctg tcc 23  
 E--> 484 (1)



VERIFICATION SUMMARY

PATENT APPLICATION: US/09/601,534A

DATE: 11/15/2001

TIME: 08:59:18

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\11152001\I601534A.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:484 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:23 SEQ:23